

ANACONDA Copper Company

555 Seventeenth Street
Denver, Colorado 80217
Telephone 303 575 4000

1186084 - R8 SDMS



June 11, 1981

Gary A. Soldano P.E.
Public Health Engineer
Colorado Department of Health
Water Quality Control Division
4210 East 11th Avenue
Denver, Colorado 80220

Anaconda Copper Company - Rico Project - Installation of Rip-Rap
Dolores River Settling Ponds.

Dear Mr. Soldano:

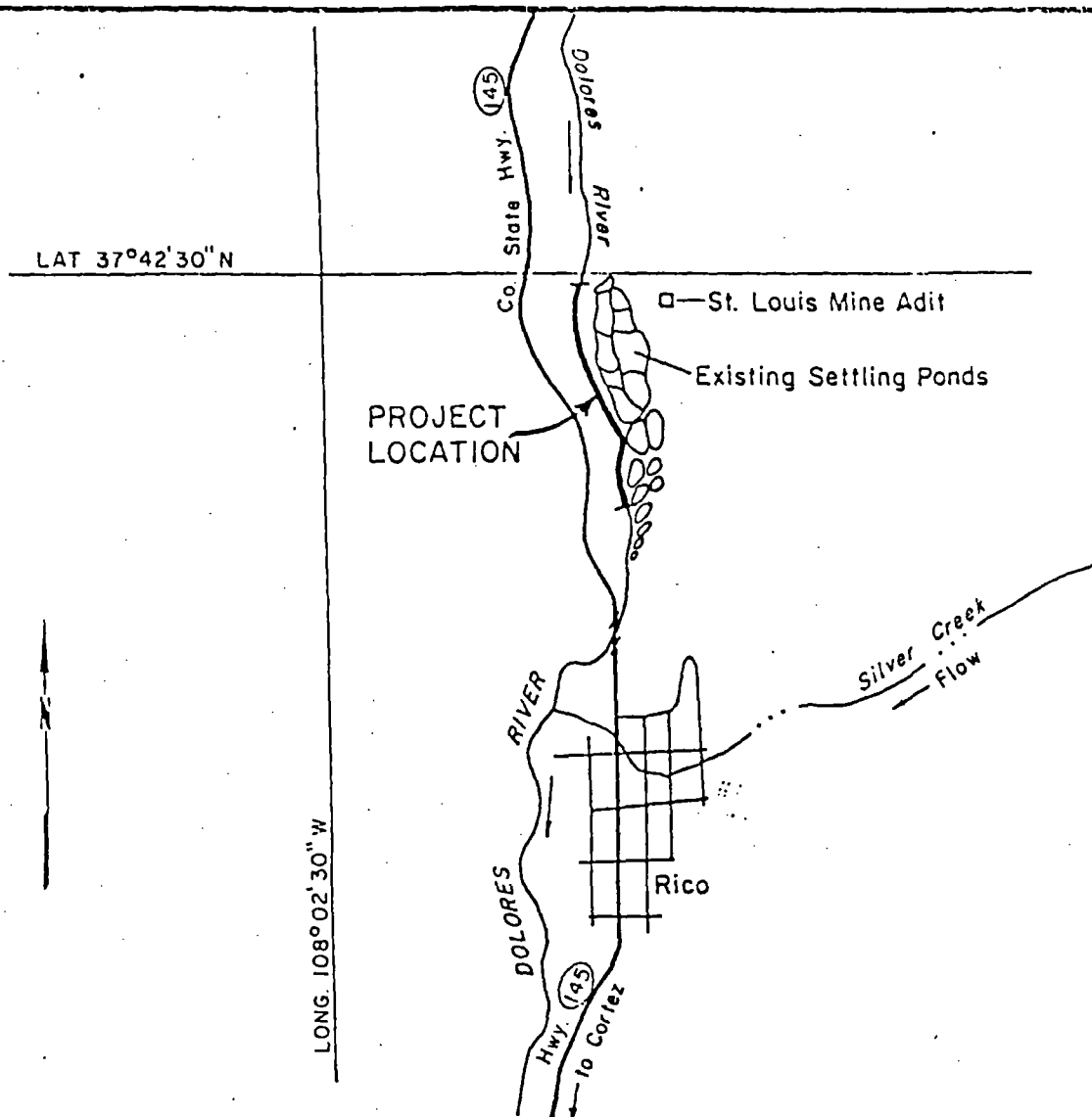
Enclosed is a completed Water Quality Certification form for the
subject project. Maps indicating the project area and other
project related information are attached.

If any further information is needed, please advise.

Very truly yours,

John R. Whyte
Projects Manager, Exploration

JRW/jat



VICINITY MAP



PURPOSE: PROTECTION OF EXISTING
SETTLING PONDS

DATUM: 1927 NORTH AMERICAN DATUM

ADJACENT PROPERTY OWNERS:

- 1.
- 2.

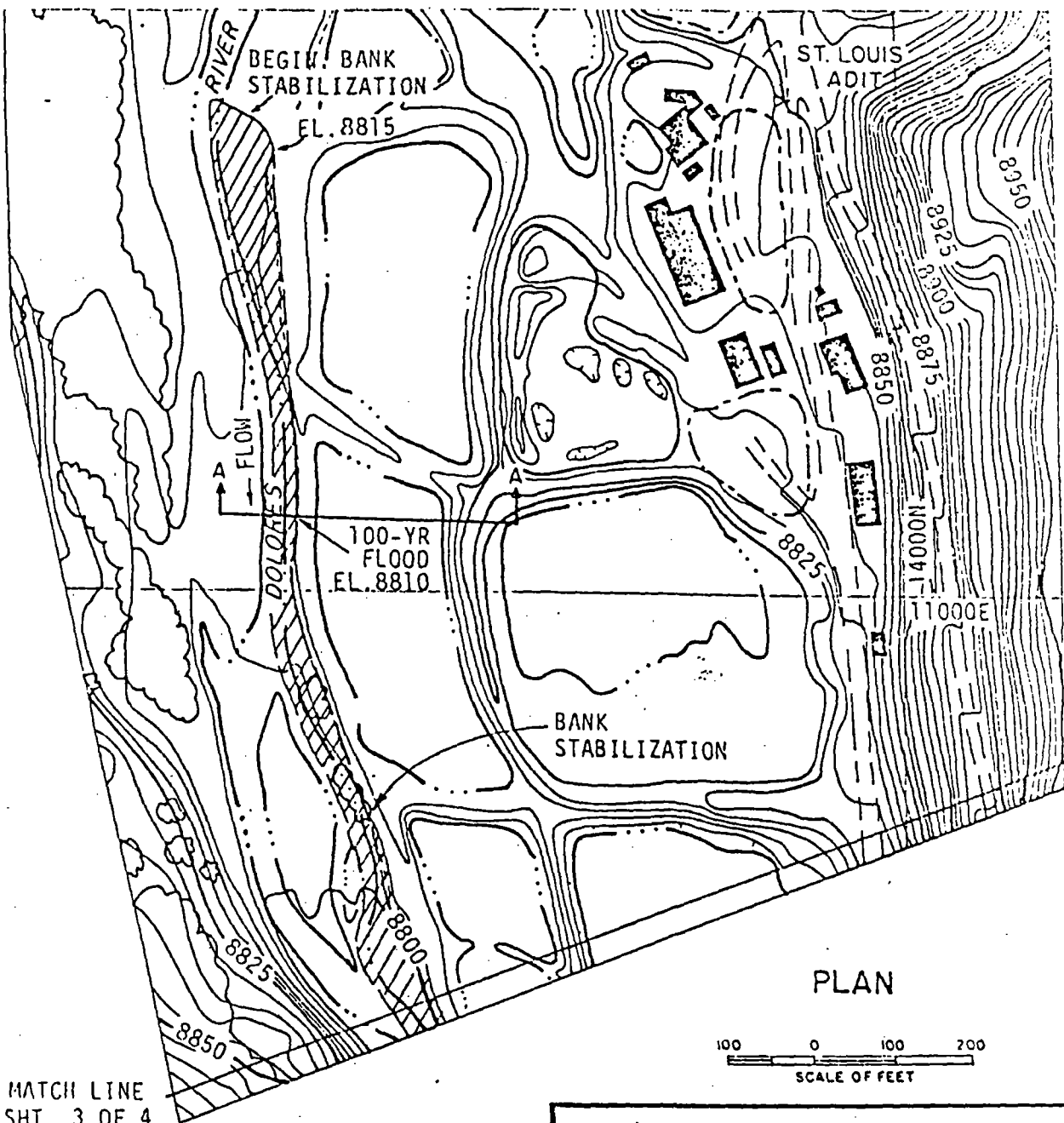
PROPOSED BANK STABILIZATION
ON DOLORES RIVER
NEAR RICO

COUNTY OF DOLORES STATE OF COLORADO

APPLICATION BY ANACONDA COPPER COMPANY

SHEET 1 OF 4

29/MAY/1961



PLAN

100 0 100 200
SCALE OF FEET

MATCH LINE
SHT. 3 OF 4

PROPOSED BANK STABILIZATION
ON DOLORES RIVER
NEAR RICO

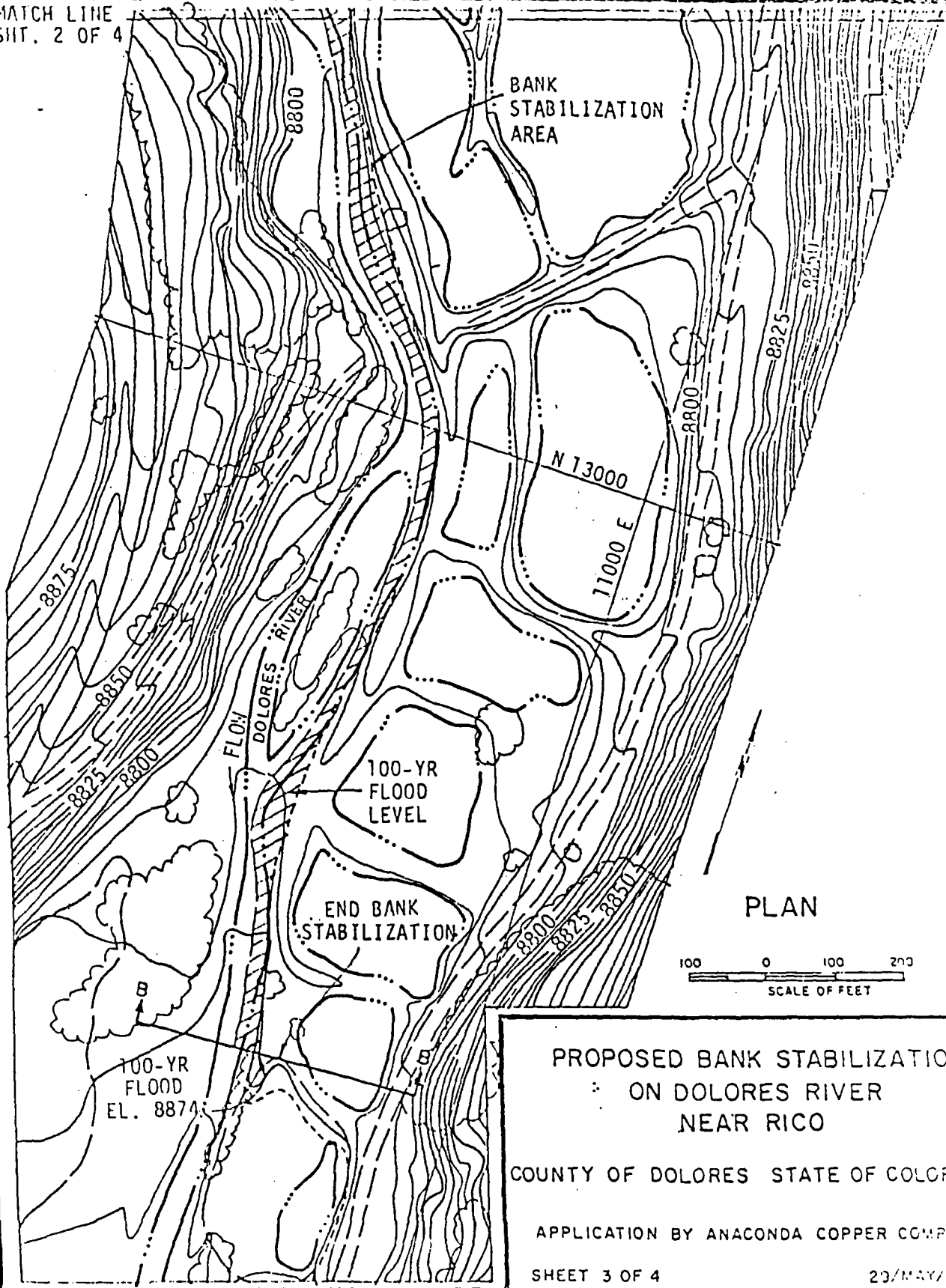
COUNTY OF DOLORES STATE OF COLORADO

APPLICATION BY ANACONDA COPPER COMPANY

SHEET 2 OF 4

29/MAY/1931

MATCH LINE
SHEET 2 OF 4



PLAN

100 0 100 200
SCALE OF FEET

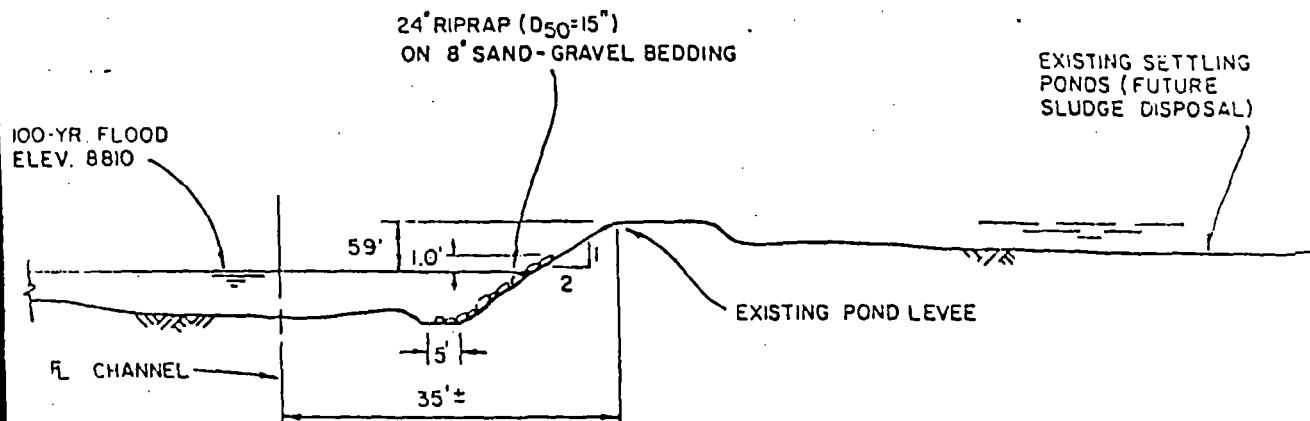
PROPOSED BANK STABILIZATION
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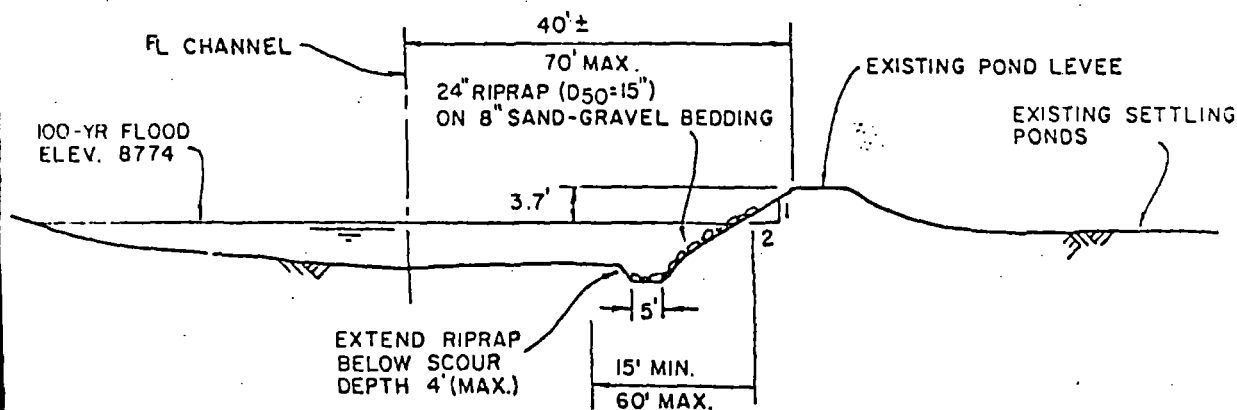
APPLICATION BY ANACONDA COPPER COMPANY

SHEET 3 OF 4

23/MAY/1951



TYPICAL SECTION A-A (SHT. 2 OF 4)



TYPICAL SECTION B-B (SHT. 3 OF 4)



NOTE:

1. MINOR GRADE STREAM BANK
PLACE 1200 CY OF SAND-GRAVEL
BEDDING AND 3500 CY OF
RIPRAP ALONG 2600LF OF
STREAM BANK TO 1 FOOT ABOVE
100-YR FLOOD LEVEL.

PROPOSED BANK STABILIZATION
ON DOLORES RIVER
NEAR RICO

COUNTY OF DOLORES STATE OF COLORADO

APPLICATION BY ANACONDA COPPER COMPANY

SHEET 4 OF 4

29/MAY/10-

4210 East 11th Avenue
Denver, Colorado 80220

WATER QUALITY CERTIFICATION
PROJECT INFORMATION

1. APPLICANT: Anaconda Copper Company
2. ADDRESS: 555 17th Street, Denver, Colorado 80217
3. CONTACT: John R. Whyte
4. TELEPHONE: 575-4342

PROJECT DESCRIPTION

5. Detail the procedures to be used.
Riprap bank stabilization along approximately 2,600 linear feet of the east bank of the Dolores River about 1/2 to 1 mile north of the town of Rico, Colorado. The work will be done for the Anaconda Copper Company and will be for the purpose of protecting the existing wastewater settling ponds against potential damage caused by floods up to and including the 100-year event. The work will involve minor grading along the bank, placement of about 1,200 CY (maximum) of sand-gravel bedding as required, and about 3,500 CY of 24-inch (maximum) riprap. The finished riprap surface will be extended 5 feet into the normal channel bottom and 1 foot above the 100-year flood level on the banks. Quarry or riverbed rock will be used for the riprap. No

(CONTINUED ON BACK OF PAGE)

(Attach continuation sheets including plans & specifications)

6. LOCATION (General): Dolores River, above the town of Rico, CO
- COUNTY: Dolores
(Legal): Section 24 & 25 T40N R11W

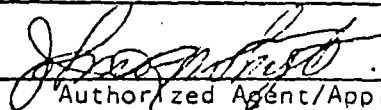
7. AFFECTED WATERCOURSE: Dolores River
8. PROJECT SCHEDULE:
Beginning Date: September 1, 1981
Completion Date: October 31, 1981

9. DISCHARGE DESCRIPTION (if any):
- Quality: _____
- Quantity (MGD): _____
- Frequency (Days/Week): _____
- (Hours/Day): _____
- Settling Agents (if any): _____

10. AGENCIES CONTACTED (regarding Water Quality) Please check.
- | | | |
|--------------------------------------|-----|--------------------------------|
| (1) Colorado Division of Wildlife | (X) | _____ |
| (2) Soil Conservation Service | () | _____ |
| (3) Department of Natural Resources- | | (Municipal Water Source) _____ |
| Division of Water Resources | (X) | _____ |
| (4) Geological Survey | () | _____ |
| (5) Other | () | _____ |
| (6) U.S. Corps of Engineers | (X) | _____ |

June 11, 1981

Date



Authorized Agent/Applicant

Note: Additional information may be supplied on the back of this page.

For Official Use ONLY:

Action Taken: _____

Signature: _____

Date Received: _____

Date Routed to District Engineer: _____

Date Certified: _____

WQC 1/24/79

Allow six to eight weeks for the processing of your application.

5. structures will be built on the stabilized bank. This work will be performed during low flow conditions to minimize the short-term water quality impacts. Stabilization of the Dolores River settling pond dikes should reduce the long term water quality impacts of the ponds on the Dolores River system.